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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/749,044	12/29/2003	Dennis Schultz	HISHE: 66719	7386
24201	7590	08/15/2006	EXAMINER	
FULWIDER PATTON 6060 CENTER DRIVE 10TH FLOOR LOS ANGELES, CA 90045			SAETHER, FLEMMING	
			ART UNIT	PAPER NUMBER
			3677	

DATE MAILED: 08/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/749,044	SCHULTZ, DENNIS	
	Examiner	Art Unit	
	Flemming Saether	3677	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 June 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 20-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 20-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 20-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ruzicka (US 5,219,392) in view of Colvin (US 4,930,378) and further in view of Perret (US 4,073,160). In the embodiment of Fig. 12 in Ruzicka discloses a socket comprising a plurality of rounded inwardly directed lobes with contact surfaces opposite a plurality of non-contact surfaces all equally spaced about a center. There is also provided recesses between the lobes and non-contact sections (read as being at the transition between the lobe and non-contact section) which transition to each of the lobe and non-contact surface. The drive socket being a fastener has not been given patentable weight since it occurs in the preamble and the body of the claims do not "breath life and meaning to the preamble" also, the clearance between the socket and the key is considered an intended use since the claims are limited to a socket, of which Ruzicka would be capable. In the embodiment of Fig. 12, Ruzicka does not disclose the transition to be curved. Colvin discloses a similar socket and teaches the equivalence between a transition which is not curved and smooth (see Figs, 15 or 16) and a transition which is (see Fig. 4). Therefore, at the time the invention was made, it would have been obvious for one of ordinary skill in the art to replace the not curved transition in Ruzicka with a curved and smooth transition as disclosed in Colvin since Colvin

teaches their equivalence. Modified Ruzicka, does not disclose the socket in a fastener. Perret teaches the equivalence of a drive socket being formed in a fastener and in a tool (column 4, paragraph beginning line 52). At the time the invention was made, it would have been obvious for one of ordinary skill in the art to provide the socket disclosed in Ruzicka in a fastener in view of the teaching of Perret. Again, the clearance with a key is an intended use.

Response to Remarks

As can be recognized above, the rejection remains unchanged.

Applicant argues that the claims define over the combination of Ruzicka, Colvin and Perret because the reference to Colvin fails to disclose a curved recess between a non-contact section and a rounded lobe apparently because there is a non-contact flat surface (34) interposed between the contact and non-contact sections. In response, while the examiner agrees with applicant's understanding of Colvin but, does not agree with applicant's conclusion for two reasons. First, the claims do not preclude the inclusion of the flat non-contact surface and second Colvin is relied upon only for the teaching of the equivalence between curved and non-curved recesses since the recesses between the rounded lobes and non-contact sections is already disclosed in Ruzicka.

Applicant next argues that the claims define over the combination of Ruzicka, Colvin and Perret because Perret does not provide a teaching equating a drive socket of a tool and a drive socket of a fastener. In response, the examiner disagrees because the description in Perret makes it clear the “[t]he configuration according to the invention is applicable not only of a male head of driven elements, *but also to the drive impressions to the female type*” [italic added for emphasis] (column 4, line 52-52) and then equates the drive socket to “as well as a tool” (column 4, line 58). Thus clearly Perret is equating the male and female parts which form the torque coupling may be any of the fastener or tool so long as it provides a torque transmitting coupling and the torque transmitting coupling is the also the objective of Ruzicka, Colvin and applicants instant invention.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Flemming Saether whose telephone number is 571-272-7071. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Swann can be reached on 571-272-7075. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Flemming Saether
Primary Examiner
Art Unit 3677